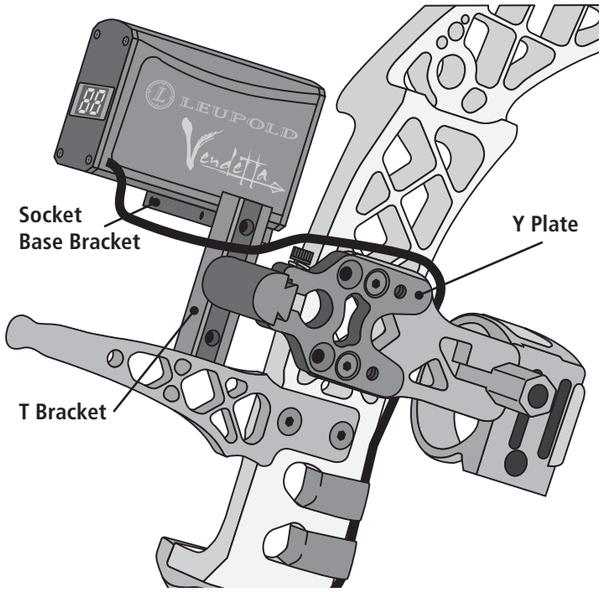
LEUPOLD
AMERICA'S OPTICS AUTHORITY®

VENDETTA™ BOW-MOUNTED LASER RANGEFINDER

Complete Operation & Installation Manual



NOTICE OF USE RESTRICTIONS

As is the case for all electronic hunting products, there may be restrictions on the use of the Leupold Vendetta for hunting in your area. Please consult local regulations before heading into the field.

HOW THE VENDETTA WORKS

The Vendetta automatically calculates incline / decline and true arrow flight distance to your target, delivering the most accurate measurement possible. Our patented technology gives equivalent horizontal distance for precise shooting on an incline / decline. No guesswork involved, just range and shoot.

SAFETY AND OPERATION PRECAUTIONS

The Leupold Vendetta rangefinder employs an eye safe FDA Class 1 and CE Class 3A laser in its operation. Even so, there are a few precautions that are important to remember:

1. Do not depress the POWER button while aiming at a human eye or while looking into the optics from the objective side.
2. Do not leave the Vendetta within the reach of small children.
3. Do not take the product apart as it has a self-protection device in the electronic control module and may cause an electric shock.
4. Do not attempt to use any power source other than a CR2 battery (or equivalent) — the Vendetta is designed to prohibit accessing any other external power supply.

INSTALLING THE VENDETTA

For an informative video showing proper installation of the Vendetta, please visit *http://www.leupold.com/leupoldtv/video-library/vendetta-alignment*

The Vendetta mounting system is reversible and can be mounted on either side of the riser to accommodate right or left handed shooters. Adjustment to the location of the Vendetta in relation to your bow/sight can be made using the mounting system, however final alignment with your sight / pins will be covered in the next section.

Please refer to the following diagrams when mounting the Vendetta to your bow. We recommend placing the Vendetta as close to your sight as possible without obstructing the view of your pins, the target, or obstructing the front of the Vendetta.

Damage Warning:

When selecting the final placement of the Vendetta Rangefinder, make sure to locate it where the bow string will not come in contact with it after firing.

1) Attach the Y Plate to your bow's riser or directly to your sight with the notched jaw facing the bow string, securing it with the included #10-25 flathead screws using a torque value of 35 inch pounds. (Fig.1) Your quiver can be attached to the Y plate in the same manner as it would attach to a sight.

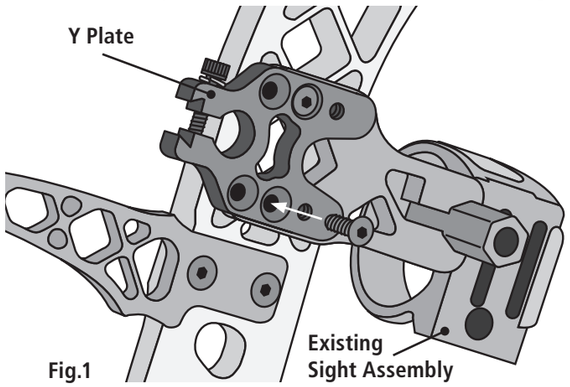


Fig.1

2) Insert the "T" shaped bracket into the Y Plate with the round edge facing the bow string and the notched side sliding through the notched jaw of the Y Plate. Slightly tighten the Horizontal Adjustment Screw on the Y Plate to keep the T Bracket in place until the final adjustments have been made. (Fig. 2)

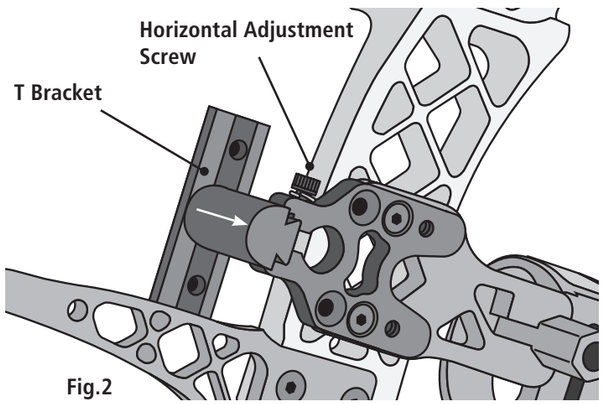


Fig.2

3) Slide the notched jaw of the Socket Base Bracket with the Vendetta attached to it, onto the dovetail side of the T Bracket with the battery cover facing up toward the top of the riser and the LED display facing the bowstring. Adjust the position of the Vendetta so that the bottom of the Vendetta mounting plate is above your sight pins so that the optical lenses are not obscured by the bow. Slighly tighten the Vertical Adjustment Screw until there is enough tension to keep the Vendetta in place until the final adjustments have been made. (Fig.3)

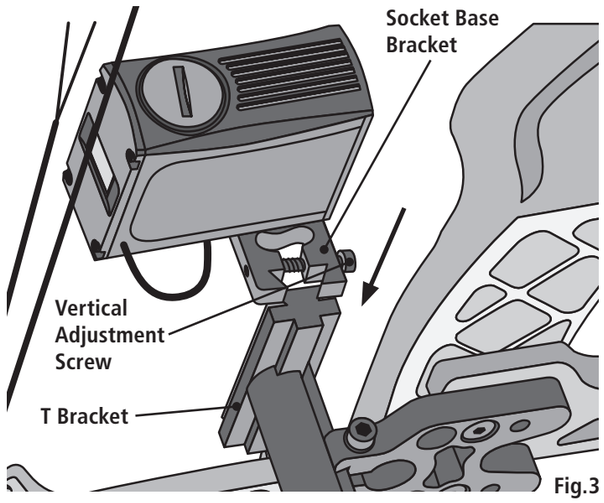


Fig.3

Adjustments to the horizontal position of the Vendetta can be made by loosening the Horizontal Adjustment Screw on the Y Plate and sliding the T Bracket back and forth. (Fig.4) When the preferred position has been obtained, secure the Horizontal Adjustment Screw using a torque value of 55 inch pounds.

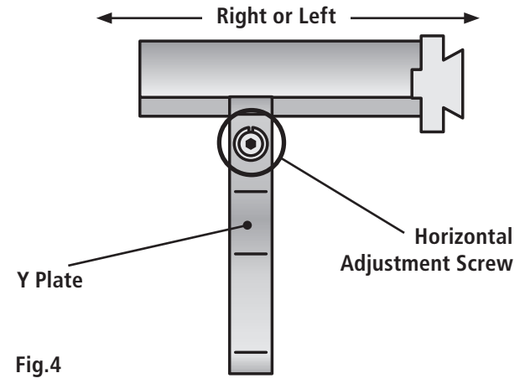


Fig.4

Adjustments to the vertical location of the Vendetta can be made by loosening the Vertical Adjustment Screw and sliding the Socket Base Bracket up and down. (Fig.5) When the preferred location has been obtained, secure the Vertical Adjustment Screw using a torque value of 55 inch pounds. Additional vertical adjustment can be obtained by removing the screw in the end of the T bracket and using either of the other two available screw holes (torque to 55 inch pounds).

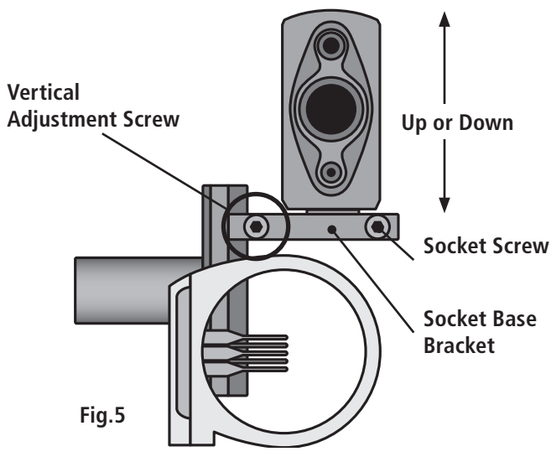
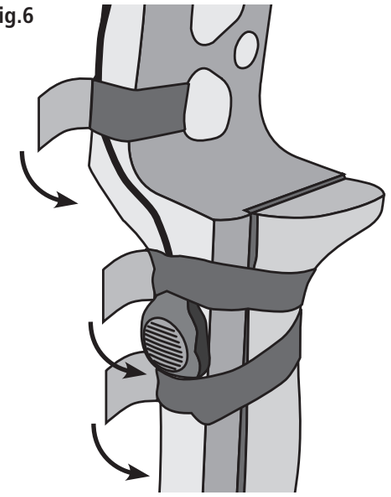


Fig.5

SECURING THE POWER BUTTON

Once the Vendetta has been properly mounted and secured, the power button will need to be secured to the grip in a position that is comfortable for you. We recommend using cloth tape to secure the button to the front portion of the grip. Be sure to secure all portions of the wire in a manner that will eliminate any contact with all moving bow components such as the arrow, arrow rest, bow string and drop-away rest trigger cord.

Fig.6



ALIGNING THE VENDETTA WITH YOUR SIGHT

Read this entire section thoroughly prior to proceeding. Aligning the Vendetta at distances greater than 20 yards can significantly improve performance in the field.

For an informative Leupold TV video showing proper alignment of the Vendetta with your sight, please visit http://www.leupold.com/leupoldtv/video-library/vendetta-alignment/

Safety Warning:

Never aim your bow at anything you do not intend to shoot.

Proper alignment of the Vendetta with your sight is absolutely critical to proper performance in the field. To ensure exact alignment and compensate for the offset between the Vendetta and your sight, be sure to read and understand the entire alignment process before beginning.

To properly align the Vendetta with your sight, two measurements must be taken and applied during the alignment process. The goal is to align the Vendetta visible alignment laser with your top sight pin, so that your top pin becomes your alignment mark to range targets.

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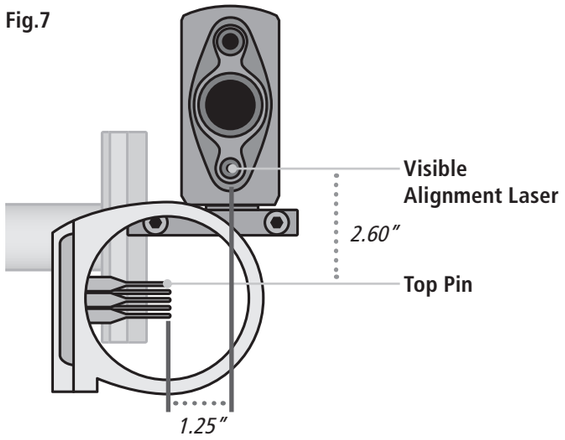
Part # 110141 Artwork # 110142C

Calculating your total offset:

The first measurement is the horizontal offset between the Vendetta's visible alignment laser (bottom most lens) and the center of the top pin of your sight. In the graphic below, this measurement is 1.25". The second measurement is the vertical offset between the Vendetta's visible alignment laser and the top pin of your sight. In the graphic below, this measurement is 2.60". (Fig.7) The combination of these two measurements shows the total offset between the visible alignment laser and the top pin of your sight. These measurements will be critical to achieving proper alignment of your Vendetta and should be taken as carefully as possible.

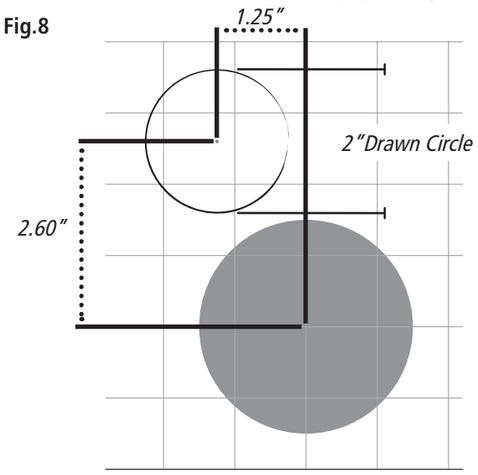
Fig.7



RECREATING YOUR TOTAL OFFSET ON THE ALIGNMENT AID

Using the included alignment aid and a permanent marker, draw a 2"circle recreating the total offset between the visible laser channel and the top pin of your sight. (Fig.8) In the example, the center of this circle would be exactly 1.25" LEFT, and 2.60" ABOVE the center of the pre-marked black dot on the alignment aid. The total offset will vary with each bow/sight combination and the measurements above are for explanation purposes only.

Fig.8



Note: When recreating your total offset on the alignment aid, remember that the horizontal distance should be marked as though you were behind the bow/sight. Using the example above, the Vendetta would be to the left of the top pin when viewed from behind in a firing position.

ALIGNING THE VENDETTA

Place the alignment aid on a large, safe backstop and position yourself an appropriate distance from the backstop. We recommend making initial alignment corrections at 20 yards, then verifying alignment at 40 yards if possible.

Activate the visible alignment laser by pressing and holding the power pad for 10 seconds. A count-down timer will be shown on the Vendetta's display and the visible laser will activate when the timer reaches zero. If the Vendetta has previously been activated, allow it to sit idle until it has powered down, then begin the activation process for the visible alignment laser. Safely come to full draw and aim your top pin at the center of the alignment aid. Using the red dot created by the visible alignment laser, make note of which direction the Vendetta must be adjusted to place the red dot in the center of the circle you created on the alignment aid. (Fig.9)

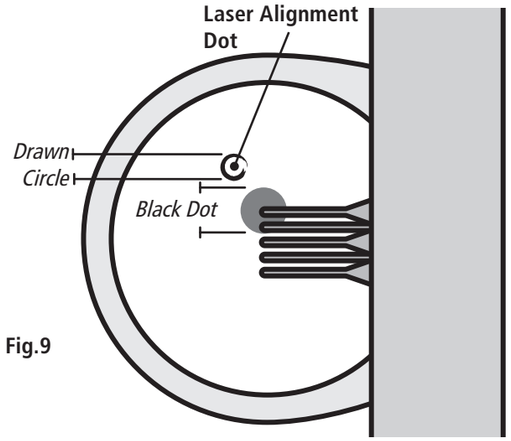


Fig.9

Loosen the socket screw (Fig. 5) in the Socket Base Bracket and adjust the Vendetta by hand as necessary. Proper alignment has been obtained when you can aim (at full draw) your top pin at the center of the black dot, and the red dot produced by the visible alignment laser is located in the center of the circle you created during "recreating your total offset" on the alignment aid process above. To deactivate the visible alignment laser, press and hold the power button for 5 seconds. The visible alignment laser will automatically deactivate 5 minutes after activation.

Once the Vendetta has been properly aligned, secure the Socket Screw using a torque value of 55 inch pounds, then verify that the vertical adjustment screw is still torqued to 55 inch pounds (figure 5). After verifying the torque value of the Vertical Adjustment Screw, double-check that the Socket Screw has retained a torque value of 55 inch pounds.

Note: For best results, align the Vendetta at the longest distance possible. Since the purpose of measuring the total offset between the visible laser and your top pin is to ensure the Vendetta is aligned parallel to your sight, you can place the alignment aid at any distance and continue to use your 20 yard pin for alignment.

MEASURING DISTANCE WITH THE VENDETTA

Measurement of distance with the Vendetta is a very simple operation:

1. Come to full draw and align your top pin with the target you intend to range. (Fig.10)
2. Depress the POWER button on the pressure pad to power up the unit.
3. Depress the POWER button again – this will cause the invisible ranging laser to activate and take a distance reading.
4. Read the distance as shown on the LED display.

Note: For best results, always aim at the center of the intended target when determining range. (Fig.10)

CONTINUOUS MEASUREMENT OF A MOVING TARGET / SCAN MODE

Scan mode can only be used after the Vendetta has been powered up.

1. Follow the instructions for "Measuring distance…" as explained previously.
2. Once the target has been measured, continue to hold down the POWER button and follow the object as it moves.
3. The distance will automatically update as long as the POWER button is continuously depressed.
4. This procedure can also be used to obtain the range of multiple animals or objects; simply move your sight pin from one target to another while holding down the POWER button.

CLEARING THE LAST DISTANCE OBTAINED

The last range reading taken does not need to be cleared before reading another object's distance. For that reason, there is no reset button. Simply aim at the new object, depress the POWER button and hold until the new range reading is displayed.

The ranging accuracy of the Leupold Vendetta rangefinder is ±1 yard/s.

LOW BATTERY INDICATOR

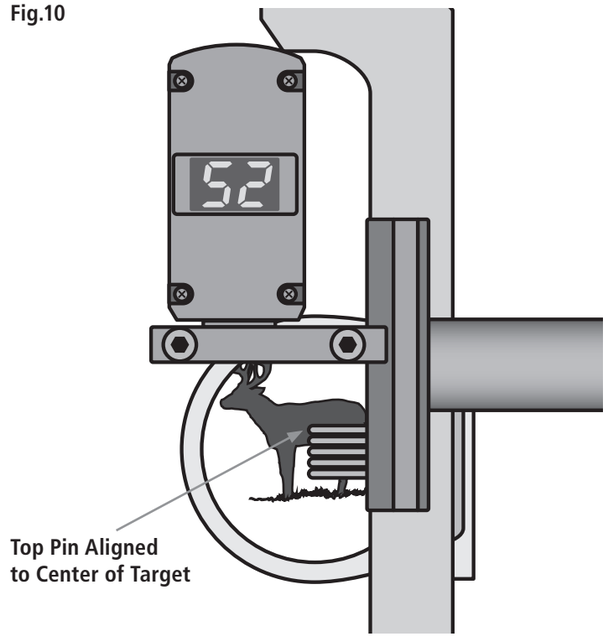
When your battery reaches 1/4 capacity and will soon need to be replaced, the distance readout will blink quickly each time you range a target. The Vendetta will continue to function normally and provide optimal performance until the battery has reached zero capacity.

CLEANING / MAINTENANCE

Blow away dust or debris on lenses, or use a soft lens brush (such as the one found on the Leupold LensPen®). To remove fingerprints, water spots or tougher dirt, use a soft cotton cloth or the cleaning end of the Leupold LensPen. A lens tissue with lens cleaning fluid may be used for more stubborn dirt. Always apply cleaning fluid to the cleaning cloth, never directly to the lens.

To insert a new battery, remove battery cover and remove exhausted battery. Insert new CR-2 battery, negative terminal first, into the battery compartment. Close battery cover. The Vendetta is weatherproof.

Fig.10



HELPFUL HINTS FOR USING THE LEUPOLD VENDETTA DIGITAL LASER RANGEFINDER

How do I activate angle compensation?

Angle compensation is always activated on the Vendetta.

How do I activate the visible alignment laser?

Make sure the Vendetta has powered down and the display has not been activated. Press and hold the Power button for 10 seconds (a count-down timer will appear on the display).

How do I deactivate the visible alignment laser?

Press and hold the Power button for 5 seconds (a count-down timer will appear on the display).

The Vendetta does not provide range.

1. Make sure that the POWER button is being depressed.
2. Make sure that nothing, such as your hand, sight, or riser is blocking the lenses; as this could interfere with the emission and reception of the laser pulses. Make sure unit is held steadily while depressing the POWER button.
3. The target may be farther than 70 yards.
4. Make sure the target is at least 10 yards away.

Should you need asistance with your Vendetta product do not return it to the dealer, contact Leupold Technical Services at (800) LEUPOLD (538-7653).

SPECIFICATIONS

The Vendetta digital laser rangefinder provides a variety of useful features to provide maximum performance in the field.

NOTE: The Vendetta is not recommended for use with single pin sights.

Inclinometer	Yes
Angle Compensation	Yes
One-Touch Scan Mode	Yes
Battery Life	>3000 Actuations
Weight	10 oz
Dimensions	3.8" L x 2.8" H x 1.3" W
Low Battery Indicator	Yes
Warranty	1 year
Weatherproof	Yes
Distance Min/Max	10 / 70 yards

WARRANTY / REPAIR

Your Leupold Vendetta digital laser rangefinder is warranted by the Leupold Electronics Warranty, and is protected from defects in materials and workmanship for ONE YEAR from the date of purchase. In event of a need for service or repair, please contact Leupold Product Service at:

BY PARCEL SERVICE:
Leupold Product Service
14400 NW Greenbrier Parkway
Beaverton, OR 97006-5791 USA

BY POSTAL SERVICE:
Leupold Product Service
P.O. Box 688
Beaverton, OR 97075-0688 USA

For product questions, consult the Leupold Web site at:
www.leupold.com, or call (503) 526-1400 or (800) LEUPOLD (538-7653).

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